

List of Current Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 8 (Cancelled).

9. (New) A relative pressure measuring transmitter, comprising:
a housing;
an insert arranged in said housing;
a gap between said housing and said insert;
a relative pressure sensor; and,
a reference pressure supply line connected to relative pressure sensor,
which said line leads into insert, vents on an outer wall of said insert, and has an interior, which is connected with said gap via an opening in said insert; wherein;
a bore passes through said housing, for placing said gap in communication with an environment of said relative pressure measuring transmitter.

10. (New) The relative pressure measuring transmitter as claimed in claim 9, wherein:
said insert comprises a moisture-resistant material, especially a plastic.

11. (New) The relative pressure measuring transmitter as claimed in 9, wherein:
in the interior of said insert, an electrically conductive layer is provided, which encloses an inner space of said insert.

12. (New) The relative pressure measuring transmitter as claimed in 9, wherein:

said gap is bounded by two seals compressed between said housing and said insert.

13. (New) The relative pressure measuring transmitter as claimed in 9, wherein:

a direct connection in said gap between said bore and said opening extends over a circular segment about a longitudinal axis of said insert or said housing.

14. (New) The relative pressure measuring transmitter as claimed in 9, wherein:

said bore in said housing is located on a side of said insert lying opposite to said opening.

15. (New) The relative pressure measuring transmitter as claimed in 9, wherein:

said bore has a length of at least six millimeters, and a pin is inserted into said bore.

16. (New) The relative pressure measuring transmitter as claimed in 9, wherein:

said opening is closed by a moisture-rejecting, gas-permeable filter.